

Appln No. 10/687,847
Amdt date June 22, 2006
Reply to Office action of June 2, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-25. (Canceled)

26. (Previously presented) A method for dispensing an admixture of fluid and water in a proportioning and dispensing unit comprising the steps:

(a) selecting a first metering tip comprising a first orifice size and coupling the metering tip to a chemical inlet port of an eductor, said eductor further comprising a water inlet port and an outlet port;

(b) connecting the water inlet port to a water supply source, said water supply source comprising a pressure regulator having a first water pressure set point;

(c) placing a holding container at the outlet port of the eductor for receiving an output stream from the eductor;

(d) selecting a first hose comprising a hose length, a first end, a second end, and unit gradations along at least a portion of the hose length;

(e) placing the first end of the first hose in fluid communication with the metering tip;

(f) filling the hose length with a quantity of fluid to a starting fluid level;

(g) activating the eductor to produce the admixture of fluid and water at the outlet port;

(h) de-activating the eductor to stop producing the admixture at the outlet port;

(i) determining an amount of fluid dispensed from the eductor by measuring the unit gradations on the first hose between the starting fluid level and a second fluid level measured after the eductor is de-activated;

Appln No. 10/687,847
Amdt date June 22, 2006
Reply to Office action of June 2, 2006

(j) determining a percent ratio of fluid dispensed to water used to dispense the fluid through the eductor; and

(k) if the percent ratio of fluid to water is not as desired, changing at least one of the first metering tip having the first orifice size to a second metering tip having a second orifice size and the first water pressure set point of the pressure regulator to a second water pressure set point, and repeating steps (f) to (j).

27-39. (Canceled)

40. (Previously presented) An apparatus for diluting a concentrate comprising:

a proportioning and dispensing unit comprising an eductor, wherein the eductor comprises a chemical inlet port, a motive source inlet port, and an outlet port;

a container containing a concentrate having a container outlet port and a hose connecting the container outlet port to the chemical inlet port;

a line connecting a motive source to the motive source inlet port, the line comprising a pressure regulating valve for regulating pressure supplied by the motive source from a first pressure to a second pressure, which is lower than the first pressure, and a block valve for at least one of opening and blocking the motive source connected in series with the pressure regulating valve;

an outlet hose for connecting to the outlet port of the eductor; and

a metering tip removably received in the chemical inlet port.

41. (Previously presented) The apparatus of claim 40, wherein the eductor comprises a second chemical inlet port.